**K-5 Mathematics**

***Investigations in Number, Data, and Space***

|  |  |
| --- | --- |
| Standards-Based Program | * Developed by TERC (National Science Foundation) * Research-based and field-tested (12 years) * Based on NCTM’s Principles and Standards for School Mathematics (PSSM) * Coherent and carefully sequenced curriculum * Designed to engage students in making sense of mathematical ideas * Emphasizes reasoning, problem solving, and communicating about mathematics * Focuses on number, number sense, and computational fluency * Values the development of students’ own strategies (alternative algorithms) for solving problems * Engage a range of learners in understanding math |
| Typical Flow of Lesson | * Students investigate and explore problems * Discuss and compare their strategies for solving the problems, considering the reasoning of others * Explain their answers in whole group discussions |
| Types of Lessons | * Student-Centered Lessons focused on problem solving * Games to practice skills and develop strategies * Math Workshop * Ten Minute Math |
| Length of Lessons | 60-90 minutes daily  Lessons extend over several days |
| Textbooks | Student Math Handbook (Hardback)  Student Activity Book (Workbook) |
| Website | TERC Investigations  <http://investigations.terc.edu/index.cfm> |